



# **HOUGHTON ROAD**

## **Irvington Road to Valencia Road**

**PUBLIC MEETING PRESENTATION**

**April 13, 2010**



**CITY OF  
TUCSON**

**P S O M A S**





# PROJECT HISTORY

- **2004:** Houghton Road Corridor Study (HRC) – Led by ADOT. Long term needs from Tanque Verde to Sahuarita Rd
- **2005:** Houghton Area Master Plan (HAMP) – Land Use and circulation plan. Adopted by Mayor and Council.
- **2006:** Regional Transportation Authority (RTA) –½ cent tax includes funds for Houghton from I-10 to Tanque Verde
  - Funds allocated in periods 1 (2006-2011) and 3 (2016-2021)



# PROJECT HISTORY

- **2007-2009:** Preliminary Design, I-10 to Tanque Verde
  - 4-Lanes North of Speedway
  - 6-Lanes South of Speedway
  - Open houses conducted for all segments
- **2007-2010:** Public Involvement Process
  - 3 Open Houses for I-10 to Valencia
  - 3 Open Houses for Valencia – 22<sup>nd</sup>
  - 3 Open Houses for 22<sup>nd</sup> to Tanque Verde
  - 25+ Meetings with Ward II, Ward IV Citizen Design Review Committees (CDRC)
  - 30+ Neighborhood/Small group meetings
- **2008-2009:** Corridor Implementation plan developed





# IMPLEMENTATION PLAN



## Project Description

## Anticipated Construction Start

- 1 Old Vail Road/Mary Ann Cleveland Way Intersection
- 2 Irvington Road to Valencia Road
- 3 Broadway Boulevard Intersection
- 4 Valencia Road to Mary Ann Cleveland Way
- 5 Union Pacific Railroad Bridge
- 6 Escalante Road to Irvington Road
- 7 Speedway Boulevard to Broadway Blvd.
- 8 Broadway Boulevard to 22nd Street
- 9 22nd Street to Escalante Road
- 10 Union Pacific Railroad to I-10
- 11 Tanque Verde Road to Speedway Blvd.

- 2009
- 2010
- 2011
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2018
- 2019



# CORRIDOR UPDATE

## Five projects under way

1. Mary Ann Cleveland / Old Vail Intersection
  - Completion in June 2010



2. Irvington Road to Valencia Road Widening
  - More details in a few minutes



# CORRIDOR UPDATE

## 3. Broadway Intersection

- 75% plans completed
- Construction expected in 2011

## 4. Bridge over Union Pacific Railroad (UPRR)

- Led by Pima County
- 15% plans completed
- Coordinating with UPRR







# CORRIDOR UPDATE

## 5. Valencia Intersection

- Consultant (Psomas) under contract for design
- Survey under way
- Construction will be concurrent with Irvington to Valencia segment

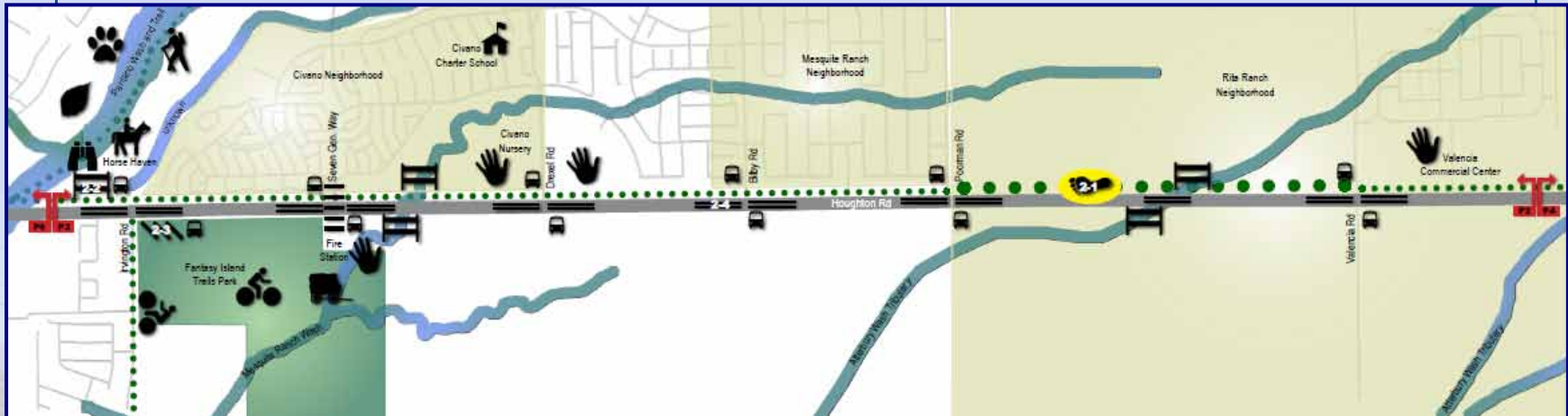




# CORRIDOR UPDATE

## Public Art

- Per ordinance, 1% of construction budget goes to art
- Art plan for entire corridor under way
  - Art planners: Borgia-Aberle/Grede/Hancock
  - Have met with various neighborhoods
  - Available at open house to gather input

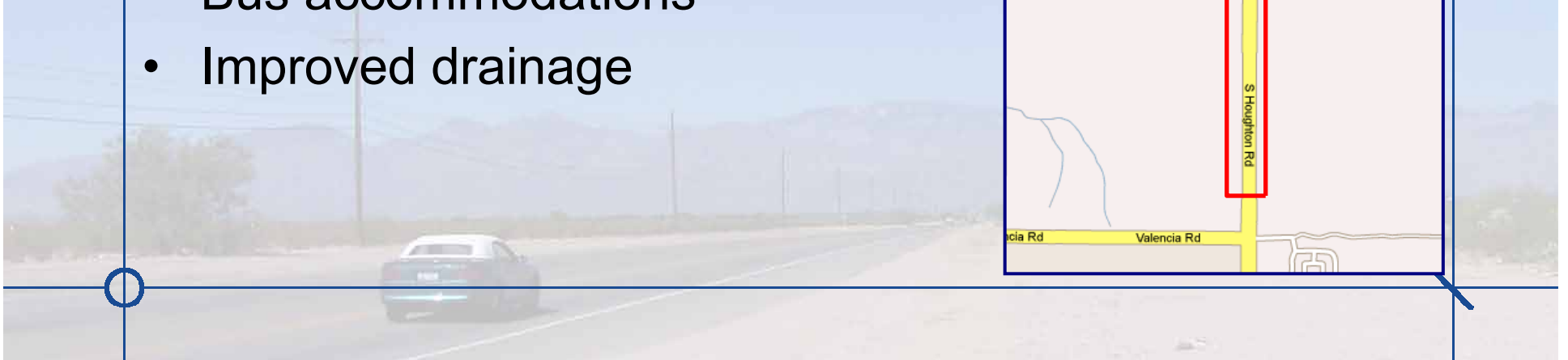
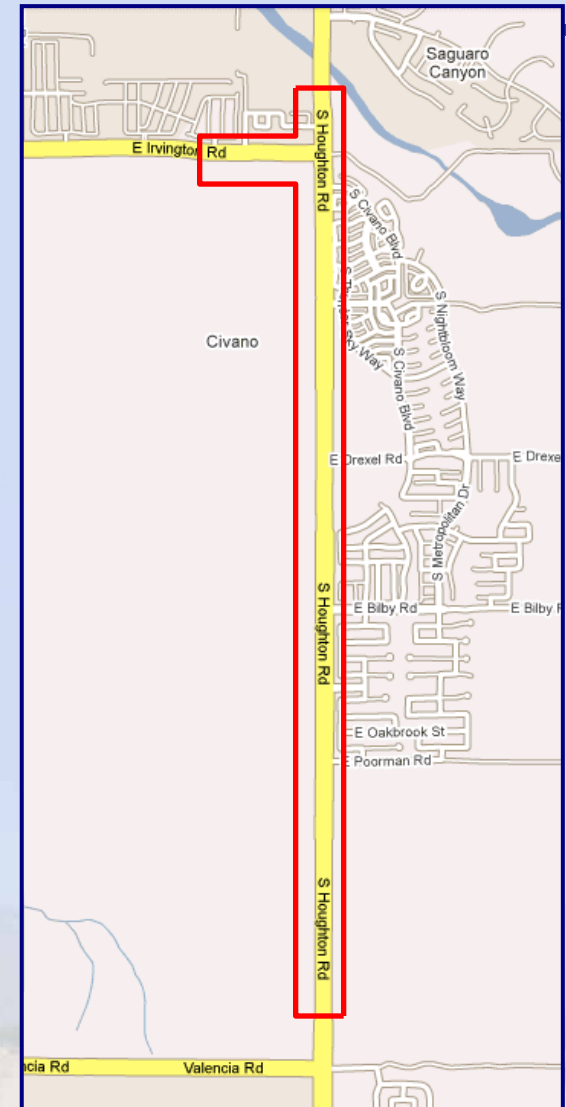






# IRVINGTON-VALENCIA

- From Pantano wash (north of Irvington) to ¼ mi north of Valencia
- 6-lane road section
- Widening at all major intersections
- Multi-use lanes
- Sidewalks and paths
- Bus accommodations
- Improved drainage

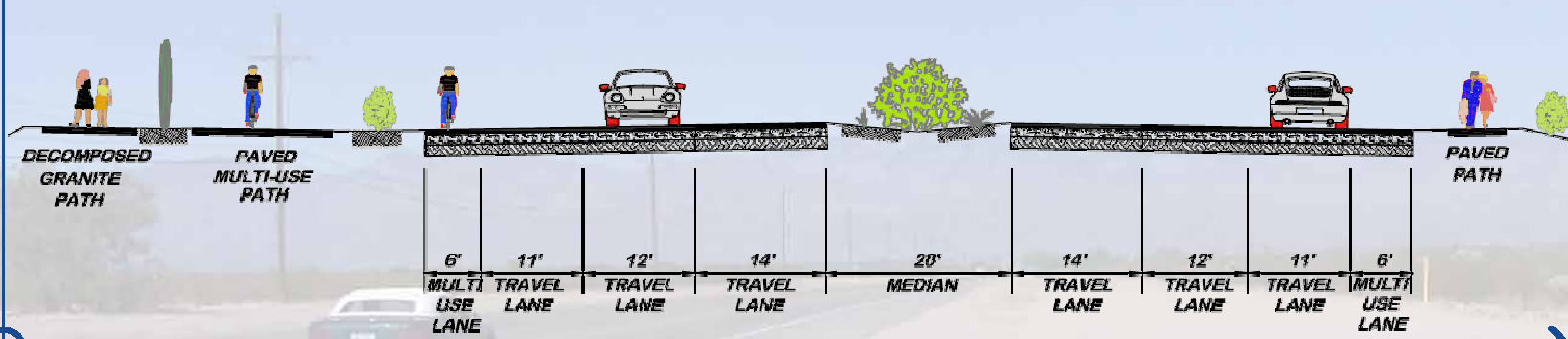




# IRVINGTON-VALENCIA

## Design improvements derived from the Public

- Skip interim 4-lane widening and build 6 lanes at once
- Bus pullouts for future transit
- Changes to drainage patterns at Poorman Road
- Preservation of existing vegetation along Civano
- Directional median access at Forest Glen
- Modified circulation at Fire Station #17 (across Seven Generations)





# IRVINGTON-VALENCIA

## Key Project Elements

### Alignment

- Roadway shifted west to reduce impact on homes
- Dual paths provided on east side
- No homes will be acquired for this project
- Will need right-of-way from the State Land Dpt – Application has been filed (including Valencia intersection)
- Road will be a desert parkway (no curb)
  - Blend with surroundings
  - Maintain scenic character





# IRVINGTON-VALENCIA

## Drainage

- Multiple culverts added to make road all-weather
  - Drainage design approved by State Land Dpt.
- Large culverts provided for wildlife crossings
  - Mesquite Ranch wash (south of Civano)
  - Atterbury wash (south of Poorman)
- Underground storm drain near Civano
- Water harvesting

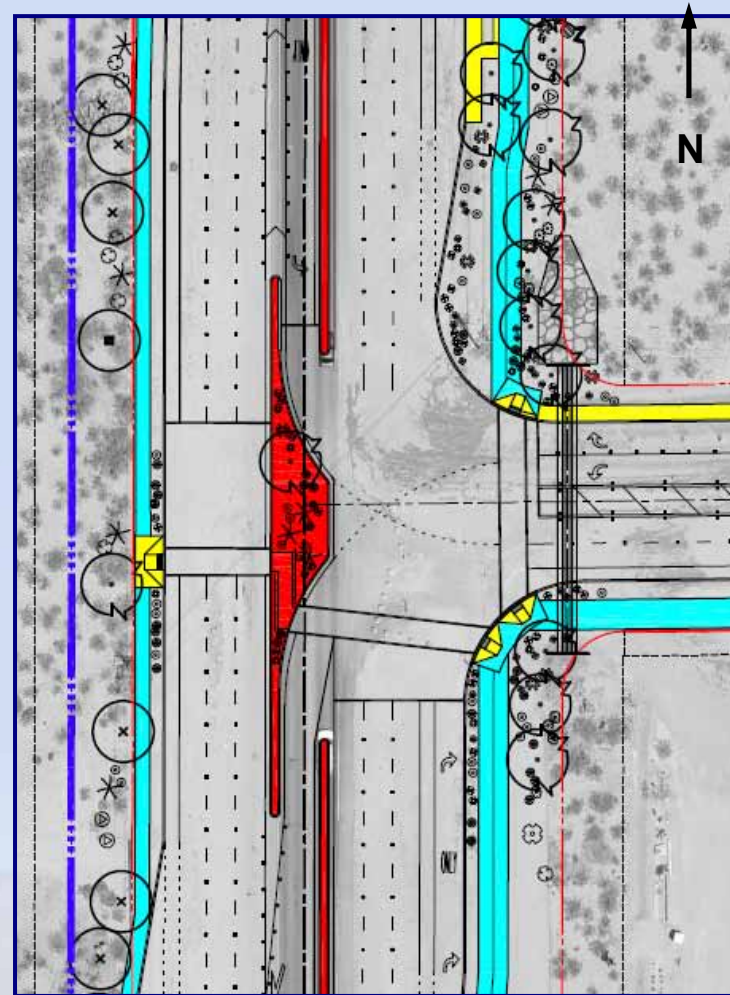




# IRVINGTON-VALENCIA

## Traffic Signals

- 4-way signals at Irvington, Bilby
- Florida T signals at Drexel, Poorman to maintain traffic flow (southbound traffic does not stop, except for pedestrians)
  - Similar to Broadway/Park Place



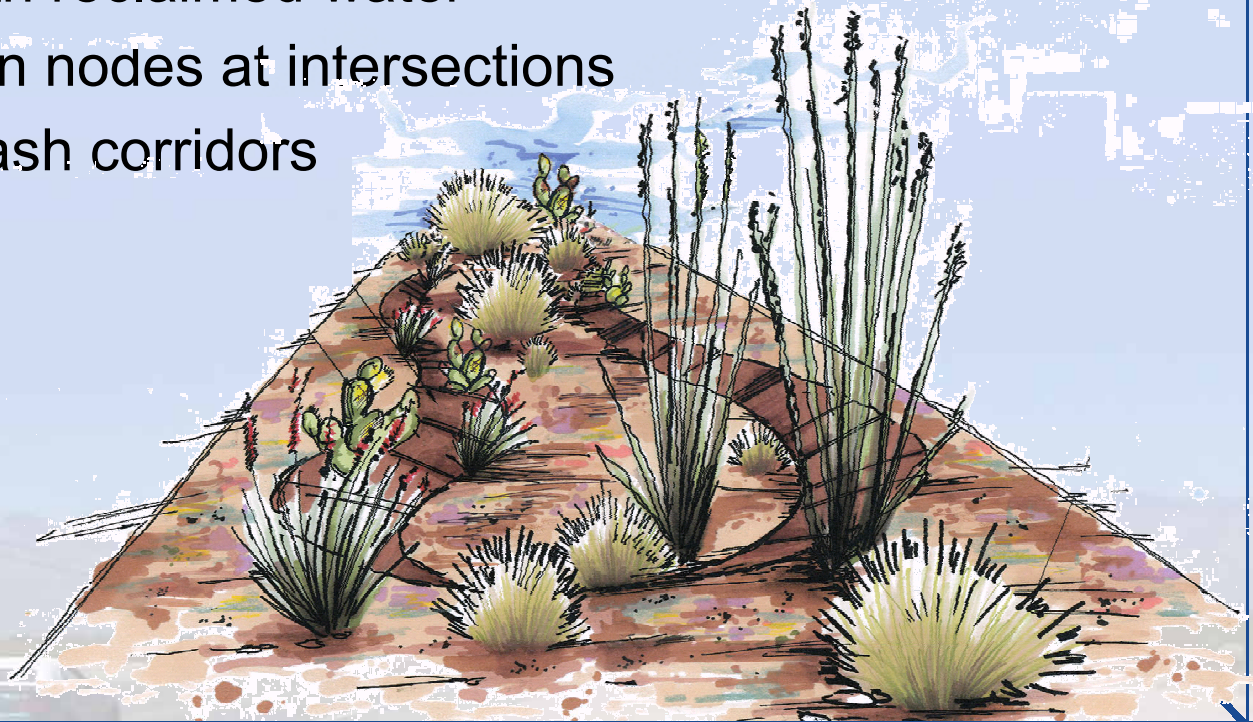




# IRVINGTON-VALENCIA

## Landscaping

- Preserve existing landscape as much as possible
- Use only native plants
- Incorporate water conservation
- Irrigation with reclaimed water
- Create green nodes at intersections
- Preserve wash corridors





# IRVINGTON-VALENCIA

## Utilities

- Will avoid large TEP transmission lines
- Coordinating new major (12") line with Southwest gas
  - Gas line construction to begin in Summer 2010
- Tucson Water to replace old 24" line





# IRVINGTON-VALENCIA

## Other features

- Bus pullouts every ½ mile at major intersections
- Retaining wall north of Irvington at Horse Haven





# IRVINGTON-VALENCIA

## Project Schedule

- 30% Plans – August 2008
- 75% Plans – August 2009
- 90% Plans – February 2010
- 100% Plans – Fall 2010
- Construction Start by the end of 2010 contingent on:
  - Right-of-Way acquisition
  - Utility relocations





**THANK YOU FOR PARTICIPATING!**

**QUESTIONS?**

**Please take a look around the room  
Talk to team members**

**Find our Fact Sheets  
Visit the project website [www.houghtonroad.info](http://www.houghtonroad.info)  
Feel free to submit comments!**

